

BAKER Products

SAWMILL DIVISION

BP Dominator™ Stationary Band Sawmill



The Model 3650E "BP Dominator" Baker Stationary Band Sawmill



HEAVY-DUTY Frame
Composed of Two
Solid Steel I-Beams!

**POWERFUL 50-hp Electric
Motor!**

LARGE 36" Steel Band Wheels!



Overview

The Baker BP Dominator™ Stationary Band Sawmill was designed for industrial-strength, high production sawmilling. Based on the user-friendly Baker Blue Streak™ Band Sawmill, the BP Dominator brings several ergonomic and functional tweaks, such as a durable, steel I-beam frame, to help make your log breakdown experience as worthwhile as possible.

A 50-hp electric motor comes standard to power your way through softwood and hardwood logs measuring up to 36" in diameter! Hydraulic controls are remotely located on a separate, raised platform with a comfortable chair. Two 36"-diameter, all-steel band wheels help to extend blade life and improve cutting speed without sacrificing accuracy. Plus, you'll appreciate the BP Dominator's incredibly fast saw head return speed!

Don't hesitate to make your operation as hassle-free and as *productive* as possible. Upgrade to the future of industrial sawmilling technology! Invest in the new Baker BP Dominator Stationary Band Sawmill.

Features

- Dominating 50-HP TEFC electric motor
- Remote operator's control station with comfortable chair
- Immense, 36"-diameter, machined, solid-steel band wheels
- 36"-diameter log cutting capacity
- Speedy, dual hydraulically-powered chain-driven carriage
- Saw logs up to 20½-ft long
- Easy-to-read round measurement dial
- 1½" thin-kerf band blade
- Head is raised and lowered equally on both sides with hydraulically-powered ball screw drive system
- Variable-speed drive
- Operator's station features all controls in one convenient spot
- In-line debarker attachment
- Board drag-back
- Rear off-bearing conveyor (36" wide by 80" long) sends all cut material out the back of the mill
- Hydraulic log loader, log turner, fence arms/clamp, and toe rollers
- Easy to maintain
- Blade enters clean wood after first rotation
- 15-HP hydraulic unit, standard
- Baker CoreSet™ computer setworks come standard

**THE BP
DOMINATOR**

BAKER PRODUCTS

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Specifications

Production Rate:

1 man: 5,000 - 7,000 bf per day
2 men: 6,000 - 8,000 bf per day
3 men: 7,000 - 9,000 bf per day

Band Blades:

20 ft. × 1½ in. (6.1 m × 38.1 mm) standard

Blade Thickness: 0.042 in. (1 mm)

Band Wheels: 36 in. (91.4 cm) diameter; all-steel, with crown

Dimensions & Weight:

Length: 29'-0" (8.84 m)

Width: 107" (2.72 m)

Height: 9'-4" (2.84 m)

Weight, incl. cntrl platform: 9,400 lbs. (4,264 kg)

Remote Control Platform Dimensions:

Length: 60" (152.4 cm)

Width: 48" (122.0 cm)

Height: 78" (198.1 cm) tall;

Operator is 28½" (72.4 cm) off floor.

Capacities

Cutting Capacity: 36 in. (91.4 cm) diameter maximum; cuts 26 in. (66 cm) through center

Log Length: 20 ft. 6 in. (6.25 m)

Power

Model 3650E:

50-HP (37.3 kw)

Three-phase TEFC electric motor

15 HP (7.5 kw) hydraulic power pack, standard

Electrical models come complete with control panel, starter(s), disconnect and overload protection.

All voltages available: 240v, 480v, or 575v, all 3-phase 60Hz.

The hydraulic power pack powers all hydraulic log handling functions.

Other Features

- In-line debarker
- Incredibly fast return
- Board drag-back
- Industrial mill designed for consistent high-production
- Baker Bullet Guides
- Track is solidly based on two steel I-beams
- Auto water drip system
- Variable feed speed
- Hydraulic tension on blade
- Remote operator's control console with computer networks, hydraulic controls, and comfortable chair
- Easy to maintain
- Hydraulically-powered moving blade guide
- Easily integrates into a Baker Low Labor System
- Off-bearing conveyor is a hydraulically-powered rough-top belt conveyor measuring 36" (91.4 cm) wide and 80" (203.2 cm) long.

Options

Band blade sharpener

Log Infeed Deck

Band blade setter

Stainless steel bunk caps

Product specifications are subject to change without notice.

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